



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: As Needed Traffic Signal Construction Project 2013-14

Project ID: RDC0015935

Bids Opened: 2/20/2014

Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.					
(1) Preliminary Bid Amount					\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	ALLOWANCE FOR PAYMENT & PERFORMANCE BONDS	30000	\$1.00	AL	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
2	CITY PERMIT AND COORDINATION FEES (ALLOWANCE OF \$20,000)	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
3	SCE SERVICE FEE (ALLOWANCE OF \$45,000)	45000	\$1.00	AL	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00
4	MOBILIZATION (STIPULATED UNIT PRICE OF \$1,500)	15	\$1,500.00	EA	\$22,500.00	\$1,500.00	\$22,500.00	\$1,500.00	\$22,500.00	\$1,500.00	\$22,500.00	\$1,500.00	\$22,500.00
5	ROADWAY WORK (ALLOWANCE OF \$550,000)	550000	\$1.00	AL	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00
6	UTILITY POTHOLE	100	\$200.00	EA	\$20,000.00	\$250.00	\$25,000.00	\$150.00	\$15,000.00	\$689.00	\$68,900.00	\$267.50	\$26,750.00
7	1" CONDUIT (SCH 80 PVC)	800	\$14.00	LF	\$11,200.00	\$10.00	\$8,000.00	\$10.00	\$8,000.00	\$14.60	\$11,680.00	\$10.70	\$8,560.00
8	1" CONDUIT (GRC)	200	\$30.00	LF	\$6,000.00	\$25.00	\$5,000.00	\$10.00	\$2,000.00	\$16.00	\$3,200.00	\$12.84	\$2,568.00
9	1-1/2" CONDUIT (SCH 80 PVC)	2750	\$15.00	LF	\$41,250.00	\$12.00	\$33,000.00	\$18.00	\$49,500.00	\$11.60	\$31,900.00	\$10.17	\$27,967.50
10	1-1/2" CONDUIT (GRC)	100	\$30.00	LF	\$3,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$14.45	\$1,445.00
11	2" CONDUIT (SCH 80 PVC)	7000	\$17.00	LF	\$119,000.00	\$12.00	\$84,000.00	\$22.00	\$154,000.00	\$11.70	\$81,900.00	\$10.70	\$74,900.00
12	2" CONDUIT (GRC)	100	\$34.00	LF	\$3,400.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$27.00	\$2,700.00	\$16.05	\$1,605.00
13	3" CONDUIT (SCH 80 PVC)	2750	\$30.00	LF	\$82,500.00	\$15.00	\$41,250.00	\$25.00	\$68,750.00	\$15.00	\$41,250.00	\$13.59	\$37,372.50
14	3" CONDUIT (GRC)	100	\$45.00	LF	\$4,500.00	\$38.00	\$3,800.00	\$30.00	\$3,000.00	\$37.00	\$3,700.00	\$21.40	\$2,140.00
15	1-PAIR DETECTOR LEAD-IN CABLE	3500	\$1.20	LF	\$4,200.00	\$1.00	\$3,500.00	\$0.65	\$2,275.00	\$0.80	\$2,800.00	\$1.34	\$4,690.00
16	2-PAIR DETECTOR LEAD-IN CABLE	8000	\$1.50	LF	\$12,000.00	\$1.25	\$10,000.00	\$1.75	\$14,000.00	\$0.90	\$7,200.00	\$1.39	\$11,120.00

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(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
17	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5000	\$1.00	LF	\$5,000.00	\$1.20	\$6,000.00	\$2.00	\$10,000.00	\$0.90	\$4,500.00	\$2.14	\$10,700.00
18	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2000	\$1.50	LF	\$3,000.00	\$1.60	\$3,200.00	\$2.00	\$4,000.00	\$1.20	\$2,400.00	\$1.87	\$3,740.00
19	8-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$2.75	LF	\$2,750.00	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.90	\$1,900.00	\$4.28	\$4,280.00
20	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5000	\$2.90	LF	\$14,500.00	\$2.50	\$12,500.00	\$3.30	\$16,500.00	\$2.50	\$12,500.00	\$3.32	\$16,600.00
21	28-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$7.50	LF	\$7,500.00	\$4.50	\$4,500.00	\$2.00	\$2,000.00	\$5.60	\$5,600.00	\$5.99	\$5,990.00
22	WIRE #6	2500	\$1.40	LF	\$3,500.00	\$1.00	\$2,500.00	\$1.25	\$3,125.00	\$1.00	\$2,500.00	\$2.41	\$6,025.00
23	WIRE #8	3000	\$1.00	LF	\$3,000.00	\$0.95	\$2,850.00	\$1.05	\$3,150.00	\$0.80	\$2,400.00	\$2.14	\$6,420.00
24	WIRE #10	8000	\$0.85	LF	\$6,800.00	\$0.70	\$5,600.00	\$0.90	\$7,200.00	\$0.70	\$5,600.00	\$1.98	\$15,840.00
25	WIRE #12	1000	\$0.70	FT	\$700.00	\$0.60	\$600.00	\$0.65	\$650.00	\$0.60	\$600.00	\$4.07	\$4,070.00
26	NO. 5 PULL BOX INCL PCC COVER	20	\$600.00	EA	\$12,000.00	\$350.00	\$7,000.00	\$550.00	\$11,000.00	\$741.00	\$14,820.00	\$653.02	\$13,060.40
27	NO. 5 (T) PULL BOX INCL STEEL COVER	2	\$1,100.00	EA	\$2,200.00	\$600.00	\$1,200.00	\$675.00	\$1,350.00	\$1,049.00	\$2,098.00	\$1,712.00	\$3,424.00
28	NO. 6 PULL BOX INCL PCC COVER	40	\$700.00	EA	\$28,000.00	\$450.00	\$18,000.00	\$675.00	\$27,000.00	\$818.00	\$32,720.00	\$1,144.90	\$45,796.00
29	NO. 6 (T) PULL BOX INCL STEEL COVER	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$675.00	\$1,350.00	\$1,304.00	\$2,608.00	\$2,140.00	\$4,280.00
30	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	9000	\$7.50	LF	\$67,500.00	\$8.00	\$72,000.00	\$6.90	\$62,100.00	\$10.00	\$90,000.00	\$8.73	\$78,570.00
31	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$8,000.00	EA	\$40,000.00	\$10,000.00	\$50,000.00	\$10,700.00	\$53,500.00	\$9,592.00	\$47,960.00	\$10,178.91	\$50,894.55

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
32	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$12,500.00	EA	\$37,500.00	\$17,000.00	\$51,000.00	\$16,515.00	\$49,545.00	\$15,416.00	\$46,248.00	\$15,579.20	\$46,737.60
33	3-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$17,000.00	EA	\$51,000.00	\$22,000.00	\$66,000.00	\$22,643.00	\$67,929.00	\$21,240.00	\$63,720.00	\$21,330.45	\$63,991.35
34	4-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$22,000.00	EA	\$110,000.00	\$28,000.00	\$140,000.00	\$28,471.00	\$142,355.00	\$27,065.00	\$135,325.00	\$26,970.42	\$134,852.10
35	REINSTALL VIDEO DETECTION SYSTEM - 1 CAMERA	2	\$2,000.00	EA	\$4,000.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$1,782.00	\$3,564.00	\$1,833.00	\$3,666.00
36	RECONFIG VIDEO DETECTION ZONE - 1 CAMERA	5	\$1,100.00	EA	\$5,500.00	\$1,360.00	\$6,800.00	\$900.00	\$4,500.00	\$1,517.00	\$7,585.00	\$1,579.32	\$7,896.60
37	REMOVE PPB POST AND RESURFACE SIDEWALK	12	\$450.00	EA	\$5,400.00	\$800.00	\$9,600.00	\$400.00	\$4,800.00	\$427.00	\$5,124.00	\$70.45	\$845.40
38	REMOVE PPB POST COMPLETE	10	\$200.00	EA	\$2,000.00	\$300.00	\$3,000.00	\$200.00	\$2,000.00	\$180.00	\$1,800.00	\$74.90	\$749.00
39	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$180.00	EA	\$1,800.00	\$300.00	\$3,000.00	\$200.00	\$2,000.00	\$141.60	\$1,416.00	\$123.05	\$1,230.50
40	REMOVE TYPE 15TS STANDARD (COMPLETE) (EXCL. FOUND.)	8	\$350.00	EA	\$2,800.00	\$500.00	\$4,000.00	\$1,200.00	\$9,600.00	\$141.60	\$1,132.80	\$251.45	\$2,011.60
41	REMOVE TYPE 16 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$400.00	EA	\$1,200.00	\$500.00	\$1,500.00	\$1,200.00	\$3,600.00	\$239.00	\$717.00	\$417.30	\$1,251.90
42	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$450.00	EA	\$4,500.00	\$500.00	\$5,000.00	\$1,200.00	\$12,000.00	\$239.00	\$2,390.00	\$428.00	\$4,280.00
43	REMOVE TYPE 18 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$450.00	EA	\$900.00	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$239.00	\$478.00	\$428.00	\$856.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
44	REMOVE TYPE 19 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$500.00	EA	\$2,000.00	\$700.00	\$2,800.00	\$1,200.00	\$4,800.00	\$239.00	\$956.00	\$428.00	\$1,712.00
45	REMOVE TYPE 23 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$700.00	\$1,400.00	\$1,200.00	\$2,400.00	\$319.00	\$638.00	\$428.00	\$856.00
46	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$700.00	\$2,100.00	\$1,200.00	\$3,600.00	\$319.00	\$957.00	\$620.00	\$1,860.00
47	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$700.00	\$2,100.00	\$1,200.00	\$3,600.00	\$479.00	\$1,437.00	\$620.00	\$1,860.00
48	REMOVE TYPE 27 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$700.00	\$1,400.00	\$1,200.00	\$2,400.00	\$479.00	\$958.00	\$620.00	\$1,240.00
49	REMOVE TYPE 28 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$700.00	\$1,400.00	\$1,200.00	\$2,400.00	\$479.00	\$958.00	\$642.00	\$1,284.00
50	REMOVE TYPE 29 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$700.00	\$1,400.00	\$1,200.00	\$2,400.00	\$479.00	\$958.00	\$642.00	\$1,284.00
51	REMOVE TYPE 60 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$1,731.00	\$1,731.00	\$904.00	\$904.00
52	REMOVE TYPE 61 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$1,731.00	\$1,731.00	\$909.50	\$909.50
53	TEMPORARY TYPE 1 STANDARD	2	\$2,500.00	EA	\$5,000.00	\$1,000.00	\$2,000.00	\$1,135.00	\$2,270.00	\$1,908.00	\$3,816.00	\$2,332.00	\$4,664.00
54	TEMPORARY TYPE 15TS STANDARD	2	\$3,000.00	EA	\$6,000.00	\$1,800.00	\$3,600.00	\$1,800.00	\$3,600.00	\$2,899.00	\$5,798.00	\$3,338.00	\$6,676.00
55	TEMPORARY TYPE 16 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,000.00	\$4,000.00	\$1,800.00	\$3,600.00	\$2,899.00	\$5,798.00	\$4,654.50	\$9,309.00

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
56	TEMPORARY TYPE 17 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,200.00	\$4,400.00	\$4,000.00	\$8,000.00	\$2,898.00	\$5,796.00	\$4,965.00	\$9,930.00
57	REMOVE SIGNAL 15' MAST ARM	5	\$100.00	EA	\$500.00	\$400.00	\$2,000.00	\$150.00	\$750.00	\$199.00	\$995.00	\$289.00	\$1,445.00
58	REMOVE SIGNAL 20' MAST ARM	3	\$100.00	EA	\$300.00	\$400.00	\$1,200.00	\$150.00	\$450.00	\$199.00	\$597.00	\$531.00	\$1,593.00
59	REMOVE SIGNAL 30' MAST ARM	5	\$150.00	EA	\$750.00	\$400.00	\$2,000.00	\$200.00	\$1,000.00	\$199.00	\$995.00	\$535.00	\$2,675.00
60	REMOVE SIGNAL 35' MAST ARM	5	\$200.00	EA	\$1,000.00	\$400.00	\$2,000.00	\$250.00	\$1,250.00	\$199.00	\$995.00	\$535.00	\$2,675.00
61	REMOVE SIGNAL 40' MAST ARM	2	\$250.00	EA	\$500.00	\$500.00	\$1,000.00	\$300.00	\$600.00	\$199.00	\$398.00	\$545.70	\$1,091.40
62	REMOVE 12' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$300.00	\$1,500.00	\$50.00	\$250.00	\$199.00	\$995.00	\$310.30	\$1,551.50
63	REMOVE 8' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$300.00	\$1,500.00	\$50.00	\$250.00	\$199.00	\$995.00	\$288.90	\$1,444.50
64	REMOVE LUMINAIRE	10	\$50.00	EA	\$500.00	\$200.00	\$2,000.00	\$50.00	\$500.00	\$40.50	\$405.00	\$53.50	\$535.00
65	REMOVE VEHICLE HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$200.00	\$4,000.00	\$75.00	\$1,500.00	\$69.00	\$1,380.00	\$24.61	\$492.20
66	REMOVE PEDESTRIAN HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$200.00	\$4,000.00	\$50.00	\$1,000.00	\$69.00	\$1,380.00	\$22.47	\$449.40
67	REMOVE PEDESTRIAN PUSH BUTTON	10	\$50.00	EA	\$500.00	\$100.00	\$1,000.00	\$25.00	\$250.00	\$69.00	\$690.00	\$35.31	\$353.10
68	REMOVE ILLUMINATED STREET NAME SIGN	10	\$100.00	EA	\$1,000.00	\$200.00	\$2,000.00	\$150.00	\$1,500.00	\$162.00	\$1,620.00	\$74.90	\$749.00
69	REMOVE CONTROLLER CABINET COMPLETE	5	\$260.00	EA	\$1,300.00	\$600.00	\$3,000.00	\$150.00	\$750.00	\$722.00	\$3,610.00	\$235.40	\$1,177.00
70	REMOVE CONTROLLER CABINET FOUNDATION	5	\$460.00	EA	\$2,300.00	\$300.00	\$1,500.00	\$350.00	\$1,750.00	\$722.00	\$3,610.00	\$631.30	\$3,156.50
71	REMOVE SERVICE CABINET (COMPLETE)	3	\$200.00	EA	\$600.00	\$500.00	\$1,500.00	\$100.00	\$300.00	\$440.00	\$1,320.00	\$230.05	\$690.15
72	REMOVE SERVICE CABINET FOUNDATION	3	\$400.00	EA	\$1,200.00	\$300.00	\$900.00	\$150.00	\$450.00	\$440.00	\$1,320.00	\$406.60	\$1,219.80

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73	REMOVE ELECTRICAL SERVICE	5	\$200.00	EA	\$1,000.00	\$300.00	\$1,500.00	\$100.00	\$500.00	\$440.00	\$2,200.00	\$417.00	\$2,085.00
74	REMOVE PPB POST FOUNDATION	10	\$300.00	EA	\$3,000.00	\$300.00	\$3,000.00	\$50.00	\$500.00	\$360.00	\$3,600.00	\$26.75	\$267.50
75	REMOVE TYPE 1 FOUNDATION	10	\$350.00	EA	\$3,500.00	\$300.00	\$3,000.00	\$1,000.00	\$10,000.00	\$390.00	\$3,900.00	\$749.00	\$7,490.00
76	REMOVE TYPE 15TS FOUNDATION	8	\$550.00	EA	\$4,400.00	\$400.00	\$3,200.00	\$1,000.00	\$8,000.00	\$409.00	\$3,272.00	\$818.00	\$6,544.00
77	REMOVE TYPE 16 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$400.00	\$1,200.00	\$700.00	\$2,100.00	\$528.00	\$1,584.00	\$963.00	\$2,889.00
78	REMOVE TYPE 17 FOUNDATION	10	\$550.00	EA	\$5,500.00	\$400.00	\$4,000.00	\$1,000.00	\$10,000.00	\$528.00	\$5,280.00	\$1,043.00	\$10,430.00
79	REMOVE TYPE 18 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$400.00	\$800.00	\$1,000.00	\$2,000.00	\$528.00	\$1,056.00	\$1,070.00	\$2,140.00
80	REMOVE TYPE 19 FOUNDATION	4	\$550.00	EA	\$2,200.00	\$400.00	\$1,600.00	\$1,000.00	\$4,000.00	\$528.00	\$2,112.00	\$1,070.00	\$4,280.00
81	REMOVE TYPE 23 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$667.00	\$1,334.00	\$1,369.00	\$2,738.00
82	REMOVE TYPE 24 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$500.00	\$1,500.00	\$1,000.00	\$3,000.00	\$667.00	\$2,001.00	\$1,320.00	\$3,960.00
83	REMOVE TYPE 26 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$500.00	\$1,500.00	\$1,000.00	\$3,000.00	\$946.00	\$2,838.00	\$1,320.00	\$3,960.00
84	REMOVE TYPE 27 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$946.00	\$1,892.00	\$1,326.00	\$2,652.00
85	REMOVE TYPE 28 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$1,055.00	\$2,110.00	\$1,337.50	\$2,675.00
86	REMOVE TYPE 29 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$1,055.00	\$2,110.00	\$1,370.00	\$2,740.00
87	REMOVE TYPE 60 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$3,405.00	\$3,405.00	\$1,605.00	\$1,605.00
88	REMOVE TYPE 61 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$3,405.00	\$3,405.00	\$1,605.00	\$1,605.00

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
89	REMOVE 1 - CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	8	\$150.00	EA	\$1,200.00	\$200.00	\$1,600.00	\$100.00	\$800.00	\$265.70	\$2,125.60	\$102.00	\$816.00
90	RELOCATE TYPE 332 CABINET (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$2,000.00	\$8,000.00	\$500.00	\$2,000.00	\$2,155.00	\$8,620.00	\$1,252.00	\$5,008.00
91	RELOCATE VEHICLE HEAD (COMPLETE)	18	\$175.00	EA	\$3,150.00	\$200.00	\$3,600.00	\$100.00	\$1,800.00	\$208.00	\$3,744.00	\$145.00	\$2,610.00
92	RELOCATE PEDESTRIAN HEAD (COMPLETE)	3	\$170.00	EA	\$510.00	\$200.00	\$600.00	\$250.00	\$750.00	\$208.00	\$624.00	\$214.00	\$642.00
93	RELOCATE PEDESTRIAN PUSH BUTTON	3	\$150.00	EA	\$450.00	\$150.00	\$450.00	\$100.00	\$300.00	\$161.00	\$483.00	\$182.00	\$546.00
94	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	4	\$300.00	EA	\$1,200.00	\$200.00	\$800.00	\$250.00	\$1,000.00	\$358.00	\$1,432.00	\$290.00	\$1,160.00
95	TEMPORARY CONTROLLER	3	\$1,000.00	EA	\$3,000.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$1,336.00	\$4,008.00	\$4,815.00	\$14,445.00
96	FURNISH TYPE 170 CONTROLLER - ATC- HC11	10	\$2,000.00	EA	\$20,000.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$1,973.00	\$19,730.00	\$15,515.00	\$155,150.00
97	INSTALL TYPE 170 ATC/ HC-11 CONTROLLER	10	\$500.00	EA	\$5,000.00	\$200.00	\$2,000.00	\$150.00	\$1,500.00	\$312.00	\$3,120.00	\$1,070.00	\$10,700.00
98	FURNISH TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$5,000.00	EA	\$20,000.00	\$3,750.00	\$15,000.00	\$4,950.00	\$19,800.00	\$3,563.00	\$14,252.00	\$18,190.00	\$72,760.00
99	INSTALL TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$500.00	EA	\$2,000.00	\$200.00	\$800.00	\$150.00	\$600.00	\$312.00	\$1,248.00	\$1,284.00	\$5,136.00
100	GPS UTB UNIT AND ANTENNA	15	\$1,250.00	EA	\$18,750.00	\$1,300.00	\$19,500.00	\$1,250.00	\$18,750.00	\$1,548.00	\$23,220.00	\$2,193.50	\$32,902.50
101	SWITCH PACK	30	\$45.00	EA	\$1,350.00	\$25.00	\$750.00	\$100.00	\$3,000.00	\$21.00	\$630.00	\$42.80	\$1,284.00
102	PED ISOLATION MODULE	20	\$65.00	EA	\$1,300.00	\$36.00	\$720.00	\$100.00	\$2,000.00	\$35.00	\$700.00	\$58.85	\$1,177.00
103	2-CHANNEL ILD SENSOR UNIT	30	\$110.00	EA	\$3,300.00	\$70.00	\$2,100.00	\$150.00	\$4,500.00	\$68.00	\$2,040.00	\$112.35	\$3,370.50
104	4-CHANNEL ILD SENSOR UNIT	5	\$1,300.00	EA	\$6,500.00	\$1,060.00	\$5,300.00	\$1,000.00	\$5,000.00	\$1,040.00	\$5,200.00	\$321.00	\$1,605.00
105	FURNISH TYPE 332 CABINET	10	\$12,170.00	EA	\$121,700.00	\$8,400.00	\$84,000.00	\$10,000.00	\$100,000.00	\$8,209.00	\$82,090.00	\$7,062.00	\$70,620.00

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
106	INSTALL TYPE 332 CABINET	10	\$800.00	EA	\$8,000.00	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$468.00	\$4,680.00	\$1,027.20	\$10,272.00
107	TYPE 332 CABINET FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$500.00	\$5,000.00	\$1,500.00	\$15,000.00	\$819.00	\$8,190.00	\$1,294.70	\$12,947.00
108	FURNISH TYPE III-BF SERVICE CABINET	10	\$2,400.00	EA	\$24,000.00	\$2,500.00	\$25,000.00	\$2,700.00	\$27,000.00	\$2,377.00	\$23,770.00	\$1,990.20	\$19,902.00
109	FURNISH TYPE III-BF SERVICE CABINET W/BBS	3	\$7,000.00	EA	\$21,000.00	\$10,000.00	\$30,000.00	\$9,900.00	\$29,700.00	\$9,890.00	\$29,670.00	\$10,079.40	\$30,238.20
110	INSTALL TYPE III-BF SERVICE CABINET	10	\$500.00	EA	\$5,000.00	\$800.00	\$8,000.00	\$300.00	\$3,000.00	\$239.00	\$2,390.00	\$540.35	\$5,403.50
111	INSTALL TYPE III-BF SERVICE CABINET W/BBS	3	\$750.00	EA	\$2,250.00	\$900.00	\$2,700.00	\$300.00	\$900.00	\$845.00	\$2,535.00	\$877.40	\$2,632.20
112	TYPE III-BF SERVICE CABINET FOUNDATION	10	\$550.00	EA	\$5,500.00	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00	\$374.00	\$3,740.00	\$1,102.10	\$11,021.00
113	TYPE III-BF CABINET W/BBS FOUNDATION	3	\$600.00	EA	\$1,800.00	\$500.00	\$1,500.00	\$600.00	\$1,800.00	\$804.00	\$2,412.00	\$1,257.25	\$3,771.75
114	MODIFY TYPE III-BF SERVICE FOR BATTERY BACK UP	5	\$1,500.00	EA	\$7,500.00	\$5,000.00	\$25,000.00	\$4,800.00	\$24,000.00	\$5,945.00	\$29,725.00	\$4,911.30	\$24,556.50
115	RELOCATE TYPE III-BF SERVICE	5	\$1,100.00	EA	\$5,500.00	\$600.00	\$3,000.00	\$400.00	\$2,000.00	\$951.00	\$4,755.00	\$706.20	\$3,531.00
116	FURNISH PEDESTRIAN PUSH BUTTON POST W/ ANCHOR BOLTS	10	\$250.00	EA	\$2,500.00	\$180.00	\$1,800.00	\$200.00	\$2,000.00	\$180.00	\$1,800.00	\$454.75	\$4,547.50
117	FURNISH TYPE 1 STANDARD W/ ANCHOR BOLTS	5	\$360.00	EA	\$1,800.00	\$460.00	\$2,300.00	\$400.00	\$2,000.00	\$447.00	\$2,235.00	\$920.20	\$4,601.00
118	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS	10	\$1,265.00	EA	\$12,650.00	\$1,500.00	\$15,000.00	\$2,300.00	\$23,000.00	\$1,660.00	\$16,600.00	\$1,819.00	\$18,190.00
119	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS (MODIFIED TO HEIGHT OF 20 FEET)	10	\$850.00	EA	\$8,500.00	\$1,600.00	\$16,000.00	\$2,000.00	\$20,000.00	\$1,660.00	\$16,600.00	\$1,786.90	\$17,869.00

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Select Electric, Inc.		(4) JFL Electric, Inc.	
(1) Preliminary Bid Amount						\$2,577,525.00		\$2,729,164.00		\$2,743,915.60		\$2,928,848.15	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
120	FURNISH TYPE 16 STANDARD W/ ANCHOR BOLTS	4	\$3,550.00	EA	\$14,200.00	\$2,300.00	\$9,200.00	\$2,300.00	\$9,200.00	\$100.00	\$400.00	\$2,996.00	\$11,984.00
121	FURNISH TYPE 17 STANDARD W/ ANCHOR BOLTS	5	\$3,650.00	EA	\$18,250.00	\$2,900.00	\$14,500.00	\$3,000.00	\$15,000.00	\$2,917.00	\$14,585.00	\$3,210.00	\$16,050.00
122	FURNISH TYPE 18 STANDARD W/ ANCHOR BOLTS	4	\$3,950.00	EA	\$15,800.00	\$4,300.00	\$17,200.00	\$4,500.00	\$18,000.00	\$4,554.00	\$18,216.00	\$3,691.50	\$14,766.00
123	FURNISH TYPE 19 STANDARD W/ ANCHOR BOLTS	8	\$4,200.00	EA	\$33,600.00	\$4,500.00	\$36,000.00	\$4,960.00	\$39,680.00	\$4,971.00	\$39,768.00	\$4,280.00	\$34,240.00
124	FURNISH TYPE 23 STANDARD W/ ANCHOR BOLTS	2	\$4,100.00	EA	\$8,200.00	\$4,700.00	\$9,400.00	\$4,200.00	\$8,400.00	\$4,177.00	\$8,354.00	\$3,991.10	\$7,982.20
125	FURNISH TYPE 24 STANDARD W/ ANCHOR BOLTS	5	\$4,200.00	EA	\$21,000.00	\$5,000.00	\$25,000.00	\$6,000.00	\$30,000.00	\$5,037.00	\$25,185.00	\$4,782.90	\$23,914.50
126	FURNISH TYPE 26 STANDARD W/ ANCHOR BOLTS	8	\$5,100.00	EA	\$40,800.00	\$5,500.00	\$44,000.00	\$5,600.00	\$44,800.00	\$5,593.00	\$44,744.00	\$6,313.00	\$50,504.00
127	FURNISH TYPE 27 STANDARD W/ ANCHOR BOLTS	4	\$5,000.00	EA	\$20,000.00	\$4,500.00	\$18,000.00	\$4,600.00	\$18,400.00	\$4,672.00	\$18,688.00	\$5,457.00	\$21,828.00
128	FURNISH TYPE 28 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$4,700.00	\$9,400.00	\$4,850.00	\$9,700.00	\$4,860.00	\$9,720.00	\$6,420.00	\$12,840.00
129	FURNISH TYPE 29 STANDARD W/ ANCHOR BOLTS	2	\$5,200.00	EA	\$10,400.00	\$5,800.00	\$11,600.00	\$6,800.00	\$13,600.00	\$5,781.00	\$11,562.00	\$6,848.00	\$13,696.00
130	FURNISH TYPE 60 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$6,800.00	\$13,600.00	\$6,800.00	\$13,600.00	\$6,882.00	\$13,764.00	\$6,099.00	\$12,198.00

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
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Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
131	FURNISH TYPE 61 STANDARD W/ ANCHOR BOLTS	2	\$5,800.00	EA	\$11,600.00	\$7,800.00	\$15,600.00	\$7,900.00	\$15,800.00	\$7,990.00	\$15,980.00	\$9,416.00	\$18,832.00
132	INSTALL PEDESTRIAN PUSH BUTTON POST	10	\$100.00	EA	\$1,000.00	\$180.00	\$1,800.00	\$100.00	\$1,000.00	\$73.60	\$736.00	\$74.90	\$749.00
133	INSTALL TYPE 1 STANDARD	10	\$250.00	EA	\$2,500.00	\$180.00	\$1,800.00	\$350.00	\$3,500.00	\$242.00	\$2,420.00	\$267.50	\$2,675.00
134	INSTALL TYPE 15TS STANDARD	20	\$700.00	EA	\$14,000.00	\$360.00	\$7,200.00	\$500.00	\$10,000.00	\$295.00	\$5,900.00	\$321.00	\$6,420.00
135	INSTALL TYPE 16 STANDARD	4	\$700.00	EA	\$2,800.00	\$450.00	\$1,800.00	\$600.00	\$2,400.00	\$598.00	\$2,392.00	\$535.00	\$2,140.00
136	INSTALL TYPE 17 STANDARD	5	\$750.00	EA	\$3,750.00	\$450.00	\$2,250.00	\$800.00	\$4,000.00	\$634.00	\$3,170.00	\$642.00	\$3,210.00
137	INSTALL TYPE 18 STANDARD	4	\$750.00	EA	\$3,000.00	\$450.00	\$1,800.00	\$800.00	\$3,200.00	\$634.00	\$2,536.00	\$654.85	\$2,619.40
138	INSTALL TYPE 19 STANDARD	10	\$750.00	EA	\$7,500.00	\$450.00	\$4,500.00	\$800.00	\$8,000.00	\$1,053.00	\$10,530.00	\$631.30	\$6,313.00
139	INSTALL TYPE 23 STANDARD	2	\$750.00	EA	\$1,500.00	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$1,053.00	\$2,106.00	\$1,048.60	\$2,097.20
140	INSTALL TYPE 24 STANDARD	10	\$850.00	EA	\$8,500.00	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00	\$1,580.00	\$15,800.00	\$930.90	\$9,309.00
141	INSTALL TYPE 26 STANDARD	10	\$850.00	EA	\$8,500.00	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00	\$1,580.00	\$15,800.00	\$930.90	\$9,309.00
142	INSTALL TYPE 27 STANDARD	4	\$850.00	EA	\$3,400.00	\$700.00	\$2,800.00	\$1,000.00	\$4,000.00	\$1,580.00	\$6,320.00	\$1,070.00	\$4,280.00
143	INSTALL TYPE 28 STANDARD	2	\$900.00	EA	\$1,800.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00	\$1,580.00	\$3,160.00	\$1,241.20	\$2,482.40
144	INSTALL TYPE 29 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00	\$1,891.00	\$3,782.00	\$1,241.20	\$2,482.40
145	INSTALL TYPE 60 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,891.00	\$3,782.00	\$1,401.70	\$2,803.40
146	INSTALL TYPE 61 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,891.00	\$3,782.00	\$1,401.70	\$2,803.40
147	PEDESTRIAN PUSH BUTTON POST FOUNDATION	10	\$400.00	EA	\$4,000.00	\$580.00	\$5,800.00	\$100.00	\$1,000.00	\$424.00	\$4,240.00	\$262.15	\$2,621.50

Project Name: As Needed Traffic Signal Construction Project 2013-14
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Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
148	TYPE 1 STANDARD FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$500.00	\$5,000.00	\$1,200.00	\$12,000.00	\$689.00	\$6,890.00	\$775.75	\$7,757.50
149	TYPE 15TS STANDARD FOUNDATION	20	\$2,400.00	EA	\$48,000.00	\$1,600.00	\$32,000.00	\$2,000.00	\$40,000.00	\$1,803.00	\$36,060.00	\$1,722.70	\$34,454.00
150	TYPE 16 STANDARD FOUNDATION	4	\$3,000.00	EA	\$12,000.00	\$1,800.00	\$7,200.00	\$1,500.00	\$6,000.00	\$2,231.00	\$8,924.00	\$2,407.50	\$9,630.00
151	TYPE 17 STANDARD FOUNDATION	5	\$3,000.00	EA	\$15,000.00	\$2,200.00	\$11,000.00	\$2,000.00	\$10,000.00	\$2,231.00	\$11,155.00	\$2,487.75	\$12,438.75
152	TYPE 18 STANDARD FOUNDATION	4	\$3,500.00	EA	\$14,000.00	\$2,500.00	\$10,000.00	\$1,700.00	\$6,800.00	\$2,760.00	\$11,040.00	\$2,503.80	\$10,015.20
153	TYPE 19 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$2,600.00	\$26,000.00	\$2,500.00	\$25,000.00	\$2,968.00	\$29,680.00	\$2,701.75	\$27,017.50
154	TYPE 23 STANDARD FOUNDATION	2	\$4,000.00	EA	\$8,000.00	\$2,700.00	\$5,400.00	\$2,500.00	\$5,000.00	\$2,968.00	\$5,936.00	\$2,701.75	\$5,403.50
155	TYPE 24 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$3,000.00	\$30,000.00	\$3,000.00	\$30,000.00	\$2,968.00	\$29,680.00	\$3,210.00	\$32,100.00
156	TYPE 26 STANDARD FOUNDATION	10	\$5,500.00	EA	\$55,000.00	\$3,600.00	\$36,000.00	\$3,000.00	\$30,000.00	\$4,287.00	\$42,870.00	\$3,210.00	\$32,100.00
157	TYPE 27 STANDARD FOUNDATION	4	\$5,500.00	EA	\$22,000.00	\$3,500.00	\$14,000.00	\$3,000.00	\$12,000.00	\$4,287.00	\$17,148.00	\$3,210.00	\$12,840.00
158	TYPE 28 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$3,800.00	\$7,600.00	\$3,000.00	\$6,000.00	\$4,287.00	\$8,574.00	\$3,370.50	\$6,741.00
159	TYPE 29 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$3,800.00	\$7,600.00	\$3,000.00	\$6,000.00	\$4,287.00	\$8,574.00	\$3,370.50	\$6,741.00
160	TYPE 60 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$4,100.00	\$8,200.00	\$3,000.00	\$6,000.00	\$5,358.00	\$10,716.00	\$3,745.00	\$7,490.00
161	TYPE 61 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$4,100.00	\$8,200.00	\$3,000.00	\$6,000.00	\$5,358.00	\$10,716.00	\$3,745.00	\$7,490.00
162	FURNISH 15' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$1,075.00	EA	\$2,150.00	\$1,200.00	\$2,400.00	\$1,190.00	\$2,380.00	\$1,193.00	\$2,386.00	\$1,701.30	\$3,402.60
163	FURNISH 20' SIGNAL MAST ARM WITH MOUNTING BOLTS	4	\$1,275.00	EA	\$5,100.00	\$1,200.00	\$4,800.00	\$1,220.00	\$4,880.00	\$1,232.00	\$4,928.00	\$1,786.90	\$7,147.60

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Select Electric, Inc.		(4) JFL Electric, Inc.	
(1) Preliminary Bid Amount						\$2,577,525.00		\$2,729,164.00		\$2,743,915.60		\$2,928,848.15	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
164	FURNISH 25' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$1,475.00	EA	\$4,425.00	\$1,600.00	\$4,800.00	\$1,600.00	\$4,800.00	\$1,614.00	\$4,842.00	\$2,161.40	\$6,484.20
165	FURNISH 30' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,675.00	EA	\$8,375.00	\$1,800.00	\$9,000.00	\$1,900.00	\$9,500.00	\$1,914.00	\$9,570.00	\$2,300.50	\$11,502.50
166	FURNISH 35' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,875.00	EA	\$9,375.00	\$1,900.00	\$9,500.00	\$2,050.00	\$10,250.00	\$2,061.00	\$10,305.00	\$2,684.63	\$13,423.15
167	FURNISH 40' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$2,245.00	EA	\$11,225.00	\$2,100.00	\$10,500.00	\$2,080.00	\$10,400.00	\$2,087.00	\$10,435.00	\$3,129.75	\$15,648.75
168	FURNISH 45' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$2,400.00	EA	\$7,200.00	\$2,300.00	\$6,900.00	\$2,350.00	\$7,050.00	\$2,360.00	\$7,080.00	\$3,942.95	\$11,828.85
169	FURNISH 50' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$3,300.00	EA	\$3,300.00	\$3,400.00	\$3,400.00	\$3,200.00	\$3,200.00	\$3,381.00	\$3,381.00	\$4,815.00	\$4,815.00
170	FURNISH 55' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$3,300.00	EA	\$6,600.00	\$3,500.00	\$7,000.00	\$3,350.00	\$6,700.00	\$3,508.00	\$7,016.00	\$6,420.00	\$12,840.00
171	FURNISH 60' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$4,500.00	EA	\$9,000.00	\$8,500.00	\$17,000.00	\$8,300.00	\$16,600.00	\$8,378.00	\$16,756.00	\$7,276.00	\$14,552.00
172	FURNISH 65' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$5,300.00	EA	\$5,300.00	\$9,100.00	\$9,100.00	\$9,000.00	\$9,000.00	\$9,019.00	\$9,019.00	\$8,560.00	\$8,560.00
173	INSTALL 15' SIGNAL MAST ARM	2	\$250.00	EA	\$500.00	\$350.00	\$700.00	\$200.00	\$400.00	\$336.00	\$672.00	\$577.80	\$1,155.60
174	INSTALL 20' SIGNAL MAST ARM	4	\$300.00	EA	\$1,200.00	\$350.00	\$1,400.00	\$200.00	\$800.00	\$336.00	\$1,344.00	\$583.15	\$2,332.60
175	INSTALL 25' SIGNAL MAST ARM	5	\$300.00	EA	\$1,500.00	\$500.00	\$2,500.00	\$200.00	\$1,000.00	\$336.00	\$1,680.00	\$588.50	\$2,942.50

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.					
(1) Preliminary Bid Amount					\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
176	INSTALL 30' SIGNAL MAST ARM	7	\$400.00	EA	\$2,800.00	\$500.00	\$3,500.00	\$200.00	\$1,400.00	\$336.00	\$2,352.00	\$476.15	\$3,333.05
177	INSTALL 35' SIGNAL MAST ARM	7	\$500.00	EA	\$3,500.00	\$500.00	\$3,500.00	\$250.00	\$1,750.00	\$336.00	\$2,352.00	\$481.50	\$3,370.50
178	INSTALL 40' SIGNAL MAST ARM	5	\$550.00	EA	\$2,750.00	\$500.00	\$2,500.00	\$250.00	\$1,250.00	\$351.00	\$1,755.00	\$535.00	\$2,675.00
179	INSTALL 45' SIGNAL MAST ARM	5	\$600.00	EA	\$3,000.00	\$500.00	\$2,500.00	\$250.00	\$1,250.00	\$380.00	\$1,900.00	\$588.50	\$2,942.50
180	INSTALL 50' SIGNAL MAST ARM	1	\$750.00	EA	\$750.00	\$600.00	\$600.00	\$250.00	\$250.00	\$424.00	\$424.00	\$642.00	\$642.00
181	INSTALL 55' SIGNAL MAST ARM	2	\$800.00	EA	\$1,600.00	\$600.00	\$1,200.00	\$250.00	\$500.00	\$469.00	\$938.00	\$749.00	\$1,498.00
182	INSTALL 60' SIGNAL MAST ARM	3	\$1,000.00	EA	\$3,000.00	\$800.00	\$2,400.00	\$500.00	\$1,500.00	\$513.00	\$1,539.00	\$856.00	\$2,568.00
183	INSTALL 65' SIGNAL MAST ARM	4	\$1,100.00	EA	\$4,400.00	\$800.00	\$3,200.00	\$500.00	\$2,000.00	\$557.00	\$2,228.00	\$856.00	\$3,424.00
184	FURNISH 8' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	5	\$350.00	EA	\$1,750.00	\$168.00	\$840.00	\$165.00	\$825.00	\$165.00	\$825.00	\$481.50	\$2,407.50
185	FURNISH 8' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$350.00	EA	\$1,400.00	\$170.00	\$680.00	\$165.00	\$660.00	\$164.00	\$656.00	\$481.50	\$1,926.00
186	FURNISH 12' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	7	\$400.00	EA	\$2,800.00	\$285.00	\$1,995.00	\$270.00	\$1,890.00	\$271.00	\$1,897.00	\$481.50	\$3,370.50
187	FURNISH 12' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$400.00	EA	\$1,600.00	\$275.00	\$1,100.00	\$270.00	\$1,080.00	\$271.00	\$1,084.00	\$524.30	\$2,097.20
188	FURNISH 15' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	8	\$450.00	EA	\$3,600.00	\$325.00	\$2,600.00	\$310.00	\$2,480.00	\$311.00	\$2,488.00	\$535.00	\$4,280.00
189	INSTALL 8' LUMINAIRE MAST ARM	12	\$100.00	EA	\$1,200.00	\$200.00	\$2,400.00	\$50.00	\$600.00	\$336.00	\$4,032.00	\$256.80	\$3,081.60

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Select Electric, Inc.	(4) JFL Electric, Inc.				
(1) Preliminary Bid Amount						\$2,577,525.00	\$2,729,164.00	\$2,743,915.60	\$2,928,848.15				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
190	INSTALL 12' LUMINAIRE MAST ARM	15	\$100.00	EA	\$1,500.00	\$200.00	\$3,000.00	\$80.00	\$1,200.00	\$336.00	\$5,040.00	\$256.80	\$3,852.00
191	INSTALL 15' LUMINAIRE MAST ARM	8	\$100.00	EA	\$800.00	\$200.00	\$1,600.00	\$80.00	\$640.00	\$336.00	\$2,688.00	\$267.50	\$2,140.00
192	100 W HPS LUMINAIRE	5	\$450.00	EA	\$2,250.00	\$360.00	\$1,800.00	\$216.00	\$1,080.00	\$401.00	\$2,005.00	\$321.00	\$1,605.00
193	150 W HPS LUMINAIRE	10	\$500.00	EA	\$5,000.00	\$400.00	\$4,000.00	\$175.00	\$1,750.00	\$350.00	\$3,500.00	\$331.70	\$3,317.00
194	200 W HPS LUMINAIRE	20	\$500.00	EA	\$10,000.00	\$420.00	\$8,400.00	\$219.00	\$4,380.00	\$405.00	\$8,100.00	\$342.40	\$6,848.00
195	250 W HPS LUMINAIRE	20	\$500.00	EA	\$10,000.00	\$440.00	\$8,800.00	\$275.00	\$5,500.00	\$406.00	\$8,120.00	\$374.50	\$7,490.00
196	PEDESTRIAN PUSH BUTTON	20	\$200.00	EA	\$4,000.00	\$150.00	\$3,000.00	\$60.00	\$1,200.00	\$154.00	\$3,080.00	\$80.25	\$1,605.00
197	PEDESTRIAN PUSH BUTTON PLATE	20	\$25.00	EA	\$500.00	\$100.00	\$2,000.00	\$10.00	\$200.00	\$10.00	\$200.00	\$19.26	\$385.20
198	APS PPB WITH SPECIAL VOICE MESSAGE	24	\$900.00	EA	\$21,600.00	\$670.00	\$16,080.00	\$570.00	\$13,680.00	\$754.00	\$18,096.00	\$577.80	\$13,867.20
199	CENTRAL CONTROLLER UNIT APS	4	\$3,600.00	EA	\$14,400.00	\$3,500.00	\$14,000.00	\$3,350.00	\$13,400.00	\$3,610.00	\$14,440.00	\$3,210.00	\$12,840.00
200	RETROREFLECTIVE STREET NAME SIGN	15	\$770.00	EA	\$11,550.00	\$930.00	\$13,950.00	\$768.00	\$11,520.00	\$1,006.00	\$15,090.00	\$513.60	\$7,704.00
201	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	15	\$1,300.00	EA	\$19,500.00	\$1,200.00	\$18,000.00	\$1,040.00	\$15,600.00	\$1,378.00	\$20,670.00	\$642.00	\$9,630.00
202	1-12" LED YELLOW FLASHER	12	\$450.00	EA	\$5,400.00	\$690.00	\$8,280.00	\$585.00	\$7,020.00	\$725.00	\$8,700.00	\$246.10	\$2,953.20
203	3-12" LED VEHICLE HEAD (COMPLETE)	40	\$650.00	EA	\$26,000.00	\$550.00	\$22,000.00	\$520.00	\$20,800.00	\$631.00	\$25,240.00	\$524.30	\$20,972.00
204	4-12" VEHICLE HEAD (COMPLETE)	4	\$800.00	EA	\$3,200.00	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$743.00	\$2,972.00	\$663.40	\$2,653.60
205	5-12" VEHICLE HEAD (COMPLETE)	8	\$1,000.00	EA	\$8,000.00	\$750.00	\$6,000.00	\$690.00	\$5,520.00	\$835.00	\$6,680.00	\$749.00	\$5,992.00
206	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00	\$2,220.00	\$8,880.00	\$2,824.80	\$11,299.20
207	ASTRO BRACKET-SUPPLY AND INSTALL	10	\$200.00	EA	\$2,000.00	\$180.00	\$1,800.00	\$115.00	\$1,150.00	\$116.00	\$1,160.00	\$169.06	\$1,690.60
208	LED PEDESTRIAN HEAD (COMPLETE)	10	\$500.00	EA	\$5,000.00	\$450.00	\$4,500.00	\$375.00	\$3,750.00	\$514.00	\$5,140.00	\$465.45	\$4,654.50

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Select Electric, Inc.		(4) JFL Electric, Inc.	
(1) Preliminary Bid Amount						\$2,577,525.00		\$2,729,164.00		\$2,743,915.60		\$2,928,848.15	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
209	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	40	\$600.00	EA	\$24,000.00	\$525.00	\$21,000.00	\$425.00	\$17,000.00	\$565.00	\$22,600.00	\$465.45	\$18,618.00
210	LED BLANK-OUT SIGN (NO RIGHT/LEFT TURN)	4	\$6,000.00	EA	\$24,000.00	\$3,500.00	\$14,000.00	\$3,200.00	\$12,800.00	\$3,643.00	\$14,572.00	\$3,210.00	\$12,840.00
211	HANDHOLE - HH-1 (10.5"X 17"X 12") SCE	33	\$400.00	EA	\$13,200.00	\$240.00	\$7,920.00	\$200.00	\$6,600.00	\$633.00	\$20,889.00	\$406.60	\$13,417.80
212	HANDHOLE - HH-2 (10.5"X 17"X 24") SCE	10	\$500.00	EA	\$5,000.00	\$260.00	\$2,600.00	\$200.00	\$2,000.00	\$651.00	\$6,510.00	\$428.00	\$4,280.00
213	HANDHOLE - HH-3 (13"X 24"X 12") SCE	2	\$500.00	EA	\$1,000.00	\$300.00	\$600.00	\$200.00	\$400.00	\$659.00	\$1,318.00	\$481.50	\$963.00
214	HANDHOLE - HH-4 (13"X 24"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$340.00	\$680.00	\$200.00	\$400.00	\$689.00	\$1,378.00	\$535.00	\$1,070.00
215	HANDHOLE - HH-5 (17"X 30"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$350.00	\$700.00	\$200.00	\$400.00	\$677.00	\$1,354.00	\$588.50	\$1,177.00
216	HANDHOLE - HH-6 (17"X 30"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$380.00	\$760.00	\$200.00	\$400.00	\$716.00	\$1,432.00	\$642.00	\$1,284.00
217	HANDHOLE - HH-7 (10.5"X 17"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$250.00	\$500.00	\$200.00	\$400.00	\$664.60	\$1,329.20	\$535.00	\$1,070.00
218	HANDHOLE - HH-8 (13"X 24"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$275.00	\$550.00	\$200.00	\$400.00	\$688.00	\$1,376.00	\$535.00	\$1,070.00
219	HANDHOLE - HH-9 (17"X 30"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$340.00	\$680.00	\$200.00	\$400.00	\$715.00	\$1,430.00	\$535.00	\$1,070.00
220	HANDHOLE - HH-10 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$340.00	\$680.00	\$200.00	\$400.00	\$774.00	\$1,548.00	\$535.00	\$1,070.00
221	HANDHOLE - HH-11 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$280.00	\$560.00	\$200.00	\$400.00	\$825.00	\$1,650.00	\$556.40	\$1,112.80
222	HANDHOLE - HH-12 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$300.00	\$600.00	\$200.00	\$400.00	\$961.00	\$1,922.00	\$642.00	\$1,284.00
223	HANDHOLE - HH-13 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$350.00	\$700.00	\$200.00	\$400.00	\$804.00	\$1,608.00	\$535.00	\$1,070.00
224	HANDHOLE - HH-14 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$400.00	\$800.00	\$200.00	\$400.00	\$878.00	\$1,756.00	\$556.40	\$1,112.80

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Select Electric, Inc.		(4) JFL Electric, Inc.		
(1) Preliminary Bid Amount						\$2,577,525.00		\$2,729,164.00		\$2,743,915.60		\$2,928,848.15		
(2) Unit Price Detail														
<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	
225	HANDHOLE - HH-15 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$500.00	\$1,000.00	\$200.00	\$400.00	\$961.00	\$1,922.00	\$642.00	\$1,284.00	
Unit Price Total					\$2,765,210.00	\$2,577,525.00		\$2,729,364.00		\$2,743,904.60		\$2,928,848.15		
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00		\$50,000.00		\$0.00		\$0.00	
(4) LSBE Adjusted Amount						\$2,577,525.00		\$2,679,364.00		\$2,743,904.60		\$2,928,848.15		
Comments						APPARENT LOW BIDDER								



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: As Needed Traffic Signal Construction Project 2013-14

Project ID: RDC0015935

Bids Opened: 2/20/2014

Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate (5) Minco Construction

(1) Preliminary Bid Amount \$3,712,500.00

(2) Unit Price Detail

Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	ALLOWANCE FOR PAYMENT & PERFORMANCE BONDS	30000	\$1.00	AL	\$30,000.00	\$1.00	\$30,000.00						
2	CITY PERMIT AND COORDINATION FEES (ALLOWANCE OF \$20,000)	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00						
3	SCE SERVICE FEE (ALLOWANCE OF \$45,000)	45000	\$1.00	AL	\$45,000.00	\$1.00	\$45,000.00						
4	MOBILIZATION (STIPULATED UNIT PRICE OF \$1,500)	15	\$1,500.00	EA	\$22,500.00	\$1,500.00	\$22,500.00						
5	ROADWAY WORK (ALLOWANCE OF \$550,000)	550000	\$1.00	AL	\$550,000.00	\$1.00	\$550,000.00						
6	UTILITY POTHOLE	100	\$200.00	EA	\$20,000.00	\$300.00	\$30,000.00						
7	1" CONDUIT (SCH 80 PVC)	800	\$14.00	LF	\$11,200.00	\$20.00	\$16,000.00						
8	1" CONDUIT (GRC)	200	\$30.00	LF	\$6,000.00	\$20.00	\$4,000.00						
9	1-1/2" CONDUIT (SCH 80 PVC)	2750	\$15.00	LF	\$41,250.00	\$25.00	\$68,750.00						
10	1-1/2" CONDUIT (GRC)	100	\$30.00	LF	\$3,000.00	\$30.00	\$3,000.00						
11	2" CONDUIT (SCH 80 PVC)	7000	\$17.00	LF	\$119,000.00	\$25.00	\$175,000.00						
12	2" CONDUIT (GRC)	100	\$34.00	LF	\$3,400.00	\$35.00	\$3,500.00						
13	3" CONDUIT (SCH 80 PVC)	2750	\$30.00	LF	\$82,500.00	\$30.00	\$82,500.00						
14	3" CONDUIT (GRC)	100	\$45.00	LF	\$4,500.00	\$50.00	\$5,000.00						
15	1-PAIR DETECTOR LEAD-IN CABLE	3500	\$1.20	LF	\$4,200.00	\$2.00	\$7,000.00						
16	2-PAIR DETECTOR LEAD-IN CABLE	8000	\$1.50	LF	\$12,000.00	\$2.00	\$16,000.00						

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction					
(1) Preliminary Bid Amount						\$3,712,500.00					

(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
17	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	5000	\$1.00	LF	\$5,000.00	\$2.00	\$10,000.00						
18	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	2000	\$1.50	LF	\$3,000.00	\$2.50	\$5,000.00						
19	8-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	1000	\$2.75	LF	\$2,750.00	\$3.00	\$3,000.00						
20	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5000	\$2.90	LF	\$14,500.00	\$4.00	\$20,000.00						
21	28-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$7.50	LF	\$7,500.00	\$5.00	\$5,000.00						
22	WIRE #6	2500	\$1.40	LF	\$3,500.00	\$2.50	\$6,250.00						
23	WIRE #8	3000	\$1.00	LF	\$3,000.00	\$3.00	\$9,000.00						
24	WIRE #10	8000	\$0.85	LF	\$6,800.00	\$3.00	\$24,000.00						
25	WIRE #12	1000	\$0.70	FT	\$700.00	\$2.50	\$2,500.00						
26	NO. 5 PULL BOX INCL PCC COVER	20	\$600.00	EA	\$12,000.00	\$500.00	\$10,000.00						
27	NO. 5 (T) PULL BOX INCL STEEL COVER	2	\$1,100.00	EA	\$2,200.00	\$500.00	\$1,000.00						
28	NO. 6 PULL BOX INCL PCC COVER	40	\$700.00	EA	\$28,000.00	\$500.00	\$20,000.00						
29	NO. 6 (T) PULL BOX INCL STEEL COVER	2	\$1,500.00	EA	\$3,000.00	\$500.00	\$1,000.00						
30	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	9000	\$7.50	LF	\$67,500.00	\$2.00	\$18,000.00						
31	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$8,000.00	EA	\$40,000.00	\$17,000.00	\$85,000.00						
32	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$12,500.00	EA	\$37,500.00	\$23,000.00	\$69,000.00						
33	3-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$17,000.00	EA	\$51,000.00	\$27,000.00	\$81,000.00						
34	4-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$22,000.00	EA	\$110,000.00	\$30,000.00	\$150,000.00						
35	REINSTALL VIDEO DETECTION SYSTEM - 1 CAMERA	2	\$2,000.00	EA	\$4,000.00	\$1,000.00	\$2,000.00						

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
36	RECONFIG VIDEO DETECTION ZONE - 1 CAMERA	5	\$1,100.00	EA	\$5,500.00	\$500.00	\$2,500.00						
37	REMOVE PPB POST AND RESURFACE SIDEWALK	12	\$450.00	EA	\$5,400.00	\$500.00	\$6,000.00						
38	REMOVE PPB POST COMPLETE	10	\$200.00	EA	\$2,000.00	\$750.00	\$7,500.00						
39	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$180.00	EA	\$1,800.00	\$1,000.00	\$10,000.00						
40	REMOVE TYPE 15TS STANDARD (COMPLETE) (EXCL. FOUND.)	8	\$350.00	EA	\$2,800.00	\$1,000.00	\$8,000.00						
41	REMOVE TYPE 16 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$400.00	EA	\$1,200.00	\$1,000.00	\$3,000.00						
42	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$450.00	EA	\$4,500.00	\$1,000.00	\$10,000.00						
43	REMOVE TYPE 18 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$450.00	EA	\$900.00	\$1,000.00	\$2,000.00						
44	REMOVE TYPE 19 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$500.00	EA	\$2,000.00	\$1,000.00	\$4,000.00						
45	REMOVE TYPE 23 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$1,000.00	\$2,000.00						
46	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$1,000.00	\$3,000.00						
47	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$1,500.00	\$4,500.00						
48	REMOVE TYPE 27 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$1,500.00	\$3,000.00						
49	REMOVE TYPE 28 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$1,500.00	\$3,000.00						
50	REMOVE TYPE 29 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$1,500.00	\$3,000.00						
51	REMOVE TYPE 60 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$2,000.00	\$2,000.00						
52	REMOVE TYPE 61 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$2,000.00	\$2,000.00						

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Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
53	TEMPORARY TYPE 1 STANDARD	2	\$2,500.00	EA	\$5,000.00	\$2,500.00	\$5,000.00						
54	TEMPORARY TYPE 15TS STANDARD	2	\$3,000.00	EA	\$6,000.00	\$2,500.00	\$5,000.00						
55	TEMPORARY TYPE 16 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,500.00	\$5,000.00						
56	TEMPORARY TYPE 17 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,500.00	\$5,000.00						
57	REMOVE SIGNAL 15' MAST ARM	5	\$100.00	EA	\$500.00	\$750.00	\$3,750.00						
58	REMOVE SIGNAL 20' MAST ARM	3	\$100.00	EA	\$300.00	\$750.00	\$2,250.00						
59	REMOVE SIGNAL 30' MAST ARM	5	\$150.00	EA	\$750.00	\$1,000.00	\$5,000.00						
60	REMOVE SIGNAL 35' MAST ARM	5	\$200.00	EA	\$1,000.00	\$1,000.00	\$5,000.00						
61	REMOVE SIGNAL 40' MAST ARM	2	\$250.00	EA	\$500.00	\$1,000.00	\$2,000.00						
62	REMOVE 12' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$750.00	\$3,750.00						
63	REMOVE 8' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$500.00	\$2,500.00						
64	REMOVE LUMINAIRE	10	\$50.00	EA	\$500.00	\$500.00	\$5,000.00						
65	REMOVE VEHICLE HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$350.00	\$7,000.00						
66	REMOVE PEDESTRIAN HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$150.00	\$3,000.00						
67	REMOVE PEDESTRIAN PUSH BUTTON	10	\$50.00	EA	\$500.00	\$200.00	\$2,000.00						
68	REMOVE ILLUMINATED STREET NAME SIGN	10	\$100.00	EA	\$1,000.00	\$500.00	\$5,000.00						
69	REMOVE CONTROLLER CABINET COMPLETE	5	\$260.00	EA	\$1,300.00	\$500.00	\$2,500.00						
70	REMOVE CONTROLLER CABINET FOUNDATION	5	\$460.00	EA	\$2,300.00	\$500.00	\$2,500.00						

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Office Engineer: Robert Eisenhamer 626-458-3155

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Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
71	REMOVE SERVICE CABINET (COMPLETE)	3	\$200.00	EA	\$600.00	\$500.00	\$1,500.00						
72	REMOVE SERVICE CABINET FOUNDATION	3	\$400.00	EA	\$1,200.00	\$500.00	\$1,500.00						
73	REMOVE ELECTRICAL SERVICE	5	\$200.00	EA	\$1,000.00	\$500.00	\$2,500.00						
74	REMOVE PPB POST FOUNDATION	10	\$300.00	EA	\$3,000.00	\$500.00	\$5,000.00						
75	REMOVE TYPE 1 FOUNDATION	10	\$350.00	EA	\$3,500.00	\$1,000.00	\$10,000.00						
76	REMOVE TYPE 15TS FOUNDATION	8	\$550.00	EA	\$4,400.00	\$1,000.00	\$8,000.00						
77	REMOVE TYPE 16 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$1,500.00	\$4,500.00						
78	REMOVE TYPE 17 FOUNDATION	10	\$550.00	EA	\$5,500.00	\$1,500.00	\$15,000.00						
79	REMOVE TYPE 18 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$1,500.00	\$3,000.00						
80	REMOVE TYPE 19 FOUNDATION	4	\$550.00	EA	\$2,200.00	\$1,500.00	\$6,000.00						
81	REMOVE TYPE 23 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$1,500.00	\$3,000.00						
82	REMOVE TYPE 24 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$2,000.00	\$6,000.00						
83	REMOVE TYPE 26 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$2,000.00	\$6,000.00						
84	REMOVE TYPE 27 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$2,500.00	\$5,000.00						
85	REMOVE TYPE 28 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$3,000.00	\$6,000.00						
86	REMOVE TYPE 29 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$3,000.00	\$6,000.00						
87	REMOVE TYPE 60 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$5,000.00	\$5,000.00						
88	REMOVE TYPE 61 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$5,000.00	\$5,000.00						

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Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
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Engineer's Estimate						(5) Minco Construction					
(1) Preliminary Bid Amount						\$3,712,500.00					

(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
89	REMOVE 1 - CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	8	\$150.00	EA	\$1,200.00	\$500.00	\$4,000.00						
90	RELOCATE TYPE 332 CABINET (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$1,000.00	\$4,000.00						
91	RELOCATE VEHICLE HEAD (COMPLETE)	18	\$175.00	EA	\$3,150.00	\$750.00	\$13,500.00						
92	RELOCATE PEDESTRIAN HEAD (COMPLETE)	3	\$170.00	EA	\$510.00	\$500.00	\$1,500.00						
93	RELOCATE PEDESTRIAN PUSH BUTTON	3	\$150.00	EA	\$450.00	\$100.00	\$300.00						
94	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	4	\$300.00	EA	\$1,200.00	\$1,000.00	\$4,000.00						
95	TEMPORARY CONTROLLER	3	\$1,000.00	EA	\$3,000.00	\$1,000.00	\$3,000.00						
96	FURNISH TYPE 170 CONTROLLER - ATC- HC11	10	\$2,000.00	EA	\$20,000.00	\$2,500.00	\$25,000.00						
97	INSTALL TYPE 170 ATC/HC-11 CONTROLLER	10	\$500.00	EA	\$5,000.00	\$1,000.00	\$10,000.00						
98	FURNISH TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$5,000.00	EA	\$20,000.00	\$5,000.00	\$20,000.00						
99	INSTALL TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$500.00	EA	\$2,000.00	\$1,500.00	\$6,000.00						
100	GPS UTB UNIT AND ANTENNA	15	\$1,250.00	EA	\$18,750.00	\$3,000.00	\$45,000.00						
101	SWITCH PACK	30	\$45.00	EA	\$1,350.00	\$100.00	\$3,000.00						
102	PED ISOLATION MODULE	20	\$65.00	EA	\$1,300.00	\$200.00	\$4,000.00						
103	2-CHANNEL ILD SENSOR UNIT	30	\$110.00	EA	\$3,300.00	\$200.00	\$6,000.00						
104	4-CHANNEL ILD SENSOR UNIT	5	\$1,300.00	EA	\$6,500.00	\$2,000.00	\$10,000.00						
105	FURNISH TYPE 332 CABINET	10	\$12,170.00	EA	\$121,700.00	\$10,000.00	\$100,000.00						
106	INSTALL TYPE 332 CABINET	10	\$800.00	EA	\$8,000.00	\$3,500.00	\$35,000.00						
107	TYPE 332 CABINET FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$500.00	\$5,000.00						
108	FURNISH TYPE III-BF SERVICE CABINET	10	\$2,400.00	EA	\$24,000.00	\$4,000.00	\$40,000.00						

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Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
109	FURNISH TYPE III-BF SERVICE CABINET W/BBS	3	\$7,000.00	EA	\$21,000.00	\$1,000.00	\$3,000.00						
110	INSTALL TYPE III-BF SERVICE CABINET	10	\$500.00	EA	\$5,000.00	\$1,500.00	\$15,000.00						
111	INSTALL TYPE III-BF SERVICE CABINET W/BBS	3	\$750.00	EA	\$2,250.00	\$1,500.00	\$4,500.00						
112	TYPE III-BF SERVICE CABINET FOUNDATION	10	\$550.00	EA	\$5,500.00	\$500.00	\$5,000.00						
113	TYPE III-BF CABINET W/BBS FOUNDATION	3	\$600.00	EA	\$1,800.00	\$500.00	\$1,500.00						
114	MODIFY TYPE III-BF SERVICE FOR BATTERY BACK UP	5	\$1,500.00	EA	\$7,500.00	\$1,000.00	\$5,000.00						
115	RELOCATE TYPE III-BF SERVICE	5	\$1,100.00	EA	\$5,500.00	\$750.00	\$3,750.00						
116	FURNISH PEDESTRIAN PUSH BUTTON POST W/ ANCHOR BOLTS	10	\$250.00	EA	\$2,500.00	\$500.00	\$5,000.00						
117	FURNISH TYPE 1 STANDARD W/ ANCHOR BOLTS	5	\$360.00	EA	\$1,800.00	\$1,000.00	\$5,000.00						
118	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS	10	\$1,265.00	EA	\$12,650.00	\$3,000.00	\$30,000.00						
119	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS (MODIFIED TO HEIGHT OF 20 FEET)	10	\$850.00	EA	\$8,500.00	\$5,000.00	\$50,000.00						
120	FURNISH TYPE 16 STANDARD W/ ANCHOR BOLTS	4	\$3,550.00	EA	\$14,200.00	\$5,000.00	\$20,000.00						
121	FURNISH TYPE 17 STANDARD W/ ANCHOR BOLTS	5	\$3,650.00	EA	\$18,250.00	\$5,000.00	\$25,000.00						
122	FURNISH TYPE 18 STANDARD W/ ANCHOR BOLTS	4	\$3,950.00	EA	\$15,800.00	\$6,000.00	\$24,000.00						
123	FURNISH TYPE 19 STANDARD W/ ANCHOR BOLTS	8	\$4,200.00	EA	\$33,600.00	\$7,500.00	\$60,000.00						
124	FURNISH TYPE 23 STANDARD W/ ANCHOR BOLTS	2	\$4,100.00	EA	\$8,200.00	\$7,000.00	\$14,000.00						

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Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
125	FURNISH TYPE 24 STANDARD W/ ANCHOR BOLTS	5	\$4,200.00	EA	\$21,000.00	\$7,000.00	\$35,000.00						
126	FURNISH TYPE 26 STANDARD W/ ANCHOR BOLTS	8	\$5,100.00	EA	\$40,800.00	\$7,500.00	\$60,000.00						
127	FURNISH TYPE 27 STANDARD W/ ANCHOR BOLTS	4	\$5,000.00	EA	\$20,000.00	\$7,000.00	\$28,000.00						
128	FURNISH TYPE 28 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$8,000.00	\$16,000.00						
129	FURNISH TYPE 29 STANDARD W/ ANCHOR BOLTS	2	\$5,200.00	EA	\$10,400.00	\$8,000.00	\$16,000.00						
130	FURNISH TYPE 60 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$10,000.00	\$20,000.00						
131	FURNISH TYPE 61 STANDARD W/ ANCHOR BOLTS	2	\$5,800.00	EA	\$11,600.00	\$10,000.00	\$20,000.00						
132	INSTALL PEDESTRIAN PUSH BUTTON POST	10	\$100.00	EA	\$1,000.00	\$500.00	\$5,000.00						
133	INSTALL TYPE 1 STANDARD	10	\$250.00	EA	\$2,500.00	\$1,500.00	\$15,000.00						
134	INSTALL TYPE 15TS STANDARD	20	\$700.00	EA	\$14,000.00	\$1,500.00	\$30,000.00						
135	INSTALL TYPE 16 STANDARD	4	\$700.00	EA	\$2,800.00	\$2,000.00	\$8,000.00						
136	INSTALL TYPE 17 STANDARD	5	\$750.00	EA	\$3,750.00	\$2,000.00	\$10,000.00						
137	INSTALL TYPE 18 STANDARD	4	\$750.00	EA	\$3,000.00	\$2,000.00	\$8,000.00						
138	INSTALL TYPE 19 STANDARD	10	\$750.00	EA	\$7,500.00	\$2,000.00	\$20,000.00						
139	INSTALL TYPE 23 STANDARD	2	\$750.00	EA	\$1,500.00	\$2,000.00	\$4,000.00						
140	INSTALL TYPE 24 STANDARD	10	\$850.00	EA	\$8,500.00	\$2,000.00	\$20,000.00						
141	INSTALL TYPE 26 STANDARD	10	\$850.00	EA	\$8,500.00	\$2,000.00	\$20,000.00						
142	INSTALL TYPE 27 STANDARD	4	\$850.00	EA	\$3,400.00	\$2,000.00	\$8,000.00						
143	INSTALL TYPE 28 STANDARD	2	\$900.00	EA	\$1,800.00	\$2,500.00	\$5,000.00						
144	INSTALL TYPE 29 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$2,500.00	\$5,000.00						
145	INSTALL TYPE 60 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$3,000.00	\$6,000.00						
146	INSTALL TYPE 61 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$3,000.00	\$6,000.00						
147	PEDESTRIAN PUSH BUTTON POST FOUNDATION	10	\$400.00	EA	\$4,000.00	\$500.00	\$5,000.00						
148	TYPE 1 STANDARD FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$750.00	\$7,500.00						

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Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
149	TYPE 15TS STANDARD FOUNDATION	20	\$2,400.00	EA	\$48,000.00	\$1,750.00	\$35,000.00						
150	TYPE 16 STANDARD FOUNDATION	4	\$3,000.00	EA	\$12,000.00	\$2,000.00	\$8,000.00						
151	TYPE 17 STANDARD FOUNDATION	5	\$3,000.00	EA	\$15,000.00	\$2,000.00	\$10,000.00						
152	TYPE 18 STANDARD FOUNDATION	4	\$3,500.00	EA	\$14,000.00	\$2,000.00	\$8,000.00						
153	TYPE 19 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$2,000.00	\$20,000.00						
154	TYPE 23 STANDARD FOUNDATION	2	\$4,000.00	EA	\$8,000.00	\$2,000.00	\$4,000.00						
155	TYPE 24 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$3,000.00	\$30,000.00						
156	TYPE 26 STANDARD FOUNDATION	10	\$5,500.00	EA	\$55,000.00	\$3,000.00	\$30,000.00						
157	TYPE 27 STANDARD FOUNDATION	4	\$5,500.00	EA	\$22,000.00	\$3,500.00	\$14,000.00						
158	TYPE 28 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$4,000.00	\$8,000.00						
159	TYPE 29 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$4,000.00	\$8,000.00						
160	TYPE 60 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$5,000.00	\$10,000.00						
161	TYPE 61 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$5,000.00	\$10,000.00						
162	FURNISH 15' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$1,075.00	EA	\$2,150.00	\$2,500.00	\$5,000.00						
163	FURNISH 20' SIGNAL MAST ARM WITH MOUNTING BOLTS	4	\$1,275.00	EA	\$5,100.00	\$2,500.00	\$10,000.00						
164	FURNISH 25' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$1,475.00	EA	\$4,425.00	\$3,250.00	\$9,750.00						
165	FURNISH 30' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,675.00	EA	\$8,375.00	\$3,500.00	\$17,500.00						

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Engineer's Estimate					(5) Minco Construction								
(1) Preliminary Bid Amount					\$3,712,500.00								
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
166	FURNISH 35' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,875.00	EA	\$9,375.00	\$3,750.00	\$18,750.00						
167	FURNISH 40' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$2,245.00	EA	\$11,225.00	\$3,750.00	\$18,750.00						
168	FURNISH 45' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$2,400.00	EA	\$7,200.00	\$4,000.00	\$12,000.00						
169	FURNISH 50' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$3,300.00	EA	\$3,300.00	\$4,000.00	\$4,000.00						
170	FURNISH 55' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$3,300.00	EA	\$6,600.00	\$4,000.00	\$8,000.00						
171	FURNISH 60' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$4,500.00	EA	\$9,000.00	\$12,000.00	\$24,000.00						
172	FURNISH 65' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$5,300.00	EA	\$5,300.00	\$12,000.00	\$12,000.00						
173	INSTALL 15' SIGNAL MAST ARM	2	\$250.00	EA	\$500.00	\$2,000.00	\$4,000.00						
174	INSTALL 20' SIGNAL MAST ARM	4	\$300.00	EA	\$1,200.00	\$2,500.00	\$10,000.00						
175	INSTALL 25' SIGNAL MAST ARM	5	\$300.00	EA	\$1,500.00	\$2,750.00	\$13,750.00						
176	INSTALL 30' SIGNAL MAST ARM	7	\$400.00	EA	\$2,800.00	\$3,000.00	\$21,000.00						
177	INSTALL 35' SIGNAL MAST ARM	7	\$500.00	EA	\$3,500.00	\$3,000.00	\$21,000.00						
178	INSTALL 40' SIGNAL MAST ARM	5	\$550.00	EA	\$2,750.00	\$3,500.00	\$17,500.00						
179	INSTALL 45' SIGNAL MAST ARM	5	\$600.00	EA	\$3,000.00	\$3,750.00	\$18,750.00						
180	INSTALL 50' SIGNAL MAST ARM	1	\$750.00	EA	\$750.00	\$4,000.00	\$4,000.00						
181	INSTALL 55' SIGNAL MAST ARM	2	\$800.00	EA	\$1,600.00	\$4,500.00	\$9,000.00						
182	INSTALL 60' SIGNAL MAST ARM	3	\$1,000.00	EA	\$3,000.00	\$5,000.00	\$15,000.00						
183	INSTALL 65' SIGNAL MAST ARM	4	\$1,100.00	EA	\$4,400.00	\$5,000.00	\$20,000.00						
184	FURNISH 8' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	5	\$350.00	EA	\$1,750.00	\$500.00	\$2,500.00						
185	FURNISH 8' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$350.00	EA	\$1,400.00	\$500.00	\$2,000.00						
186	FURNISH 12' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	7	\$400.00	EA	\$2,800.00	\$700.00	\$4,900.00						
187	FURNISH 12' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$400.00	EA	\$1,600.00	\$700.00	\$2,800.00						

Project Name: As Needed Traffic Signal Construction Project 2013-14
Project ID: RDC0015935
Bids Opened: 2/20/2014
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
188	FURNISH 15' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	8	\$450.00	EA	\$3,600.00	\$1,000.00	\$8,000.00						
189	INSTALL 8' LUMINAIRE MAST ARM	12	\$100.00	EA	\$1,200.00	\$1,000.00	\$12,000.00						
190	INSTALL 12' LUMINAIRE MAST ARM	15	\$100.00	EA	\$1,500.00	\$1,250.00	\$18,750.00						
191	INSTALL 15' LUMINAIRE MAST ARM	8	\$100.00	EA	\$800.00	\$1,300.00	\$10,400.00						
192	100 W HPS LUMINAIRE	5	\$450.00	EA	\$2,250.00	\$100.00	\$500.00						
193	150 W HPS LUMINAIRE	10	\$500.00	EA	\$5,000.00	\$700.00	\$7,000.00						
194	200 W HPS LUMINAIRE	20	\$500.00	EA	\$10,000.00	\$700.00	\$14,000.00						
195	250 W HPS LUMINAIRE	20	\$500.00	EA	\$10,000.00	\$700.00	\$14,000.00						
196	PEDESTRIAN PUSH BUTTON	20	\$200.00	EA	\$4,000.00	\$200.00	\$4,000.00						
197	PEDESTRIAN PUSH BUTTON PLATE	20	\$25.00	EA	\$500.00	\$100.00	\$2,000.00						
198	APS PPB WITH SPECIAL VOICE MESSAGE	24	\$900.00	EA	\$21,600.00	\$900.00	\$21,600.00						
199	CENTRAL CONTROLLER UNIT APS	4	\$3,600.00	EA	\$14,400.00	\$6,000.00	\$24,000.00						
200	RETROREFLECTIVE STREET NAME SIGN	15	\$770.00	EA	\$11,550.00	\$1,500.00	\$22,500.00						
201	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	15	\$1,300.00	EA	\$19,500.00	\$2,500.00	\$37,500.00						
202	1-12" LED YELLOW FLASHER	12	\$450.00	EA	\$5,400.00	\$950.00	\$11,400.00						
203	3-12" LED VEHICLE HEAD (COMPLETE)	40	\$650.00	EA	\$26,000.00	\$800.00	\$32,000.00						
204	4-12" VEHICLE HEAD (COMPLETE)	4	\$800.00	EA	\$3,200.00	\$1,000.00	\$4,000.00						
205	5-12" VEHICLE HEAD (COMPLETE)	8	\$1,000.00	EA	\$8,000.00	\$1,000.00	\$8,000.00						
206	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$4,000.00	\$16,000.00						
207	ASTRO BRACKET-SUPPLY AND INSTALL	10	\$200.00	EA	\$2,000.00	\$200.00	\$2,000.00						

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Addenda: 1
Duration: 255 Working Day(s)

Engineer's Estimate						(5) Minco Construction							
(1) Preliminary Bid Amount						\$3,712,500.00							
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
208	LED PEDESTRIAN HEAD (COMPLETE)	10	\$500.00	EA	\$5,000.00	\$600.00	\$6,000.00						
209	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	40	\$600.00	EA	\$24,000.00	\$600.00	\$24,000.00						
210	LED BLANK-OUT SIGN (NO RIGHT/LEFT TURN)	4	\$6,000.00	EA	\$24,000.00	\$6,000.00	\$24,000.00						
211	HANDHOLE - HH-1 (10.5"X 17"X 12") SCE	33	\$400.00	EA	\$13,200.00	\$500.00	\$16,500.00						
212	HANDHOLE - HH-2 (10.5"X 17"X 24") SCE	10	\$500.00	EA	\$5,000.00	\$750.00	\$7,500.00						
213	HANDHOLE - HH-3 (13"X 24"X 12") SCE	2	\$500.00	EA	\$1,000.00	\$750.00	\$1,500.00						
214	HANDHOLE - HH-4 (13"X 24"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$1,250.00	\$2,500.00						
215	HANDHOLE - HH-5 (17"X 30"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$1,000.00	\$2,000.00						
216	HANDHOLE - HH-6 (17"X 30"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$1,250.00	\$2,500.00						
217	HANDHOLE - HH-7 (10.5"X 17"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$500.00	\$1,000.00						
218	HANDHOLE - HH-8 (13"X 24"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$750.00	\$1,500.00						
219	HANDHOLE - HH-9 (17"X 30"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$1,000.00	\$2,000.00						
220	HANDHOLE - HH-10 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$750.00	\$1,500.00						
221	HANDHOLE - HH-11 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$1,000.00	\$2,000.00						
222	HANDHOLE - HH-12 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$1,500.00	\$3,000.00						
223	HANDHOLE - HH-13 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$750.00	\$1,500.00						
224	HANDHOLE - HH-14 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$1,000.00	\$2,000.00						

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Addenda: 1
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Engineer's Estimate					(5) Minco Construction								
(1) Preliminary Bid Amount					\$3,712,500.00								
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
225	HANDHOLE - HH-15 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$1,500.00	\$3,000.00						
Unit Price Total					\$2,765,210.00	\$3,707,900.00							
(3) Local Small Business Enterprise (LSBE) Preference Amount					\$0.00								
(4) LSBE Adjusted Amount					\$3,707,900.00								
Comments													